## FRISH, V.A.

Forest corner. Geog. v shkole 22 no.1:55-58 Ja-F 159.

(MIRA 12:4)

1. Georgiyevskaya shkola Mezhevskogo rayona Kostromskoy oblasti.

(Forest and forestry)

FRISH, V. A., Cond Geogr Sci (diss) -- "Experience in landscape characterization of Mezhevskiy Rayon, Kostroma Oblast". Leningrad, 1960. 17 pp (Leningrad Order of Lenin State U im A. A. Zhdanov), 225 copies (KL, No 15, 1960, 132)

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PASYNOK, M.V.; FRISH, V.A. (Sverdlovsk); KUPRIN, M.

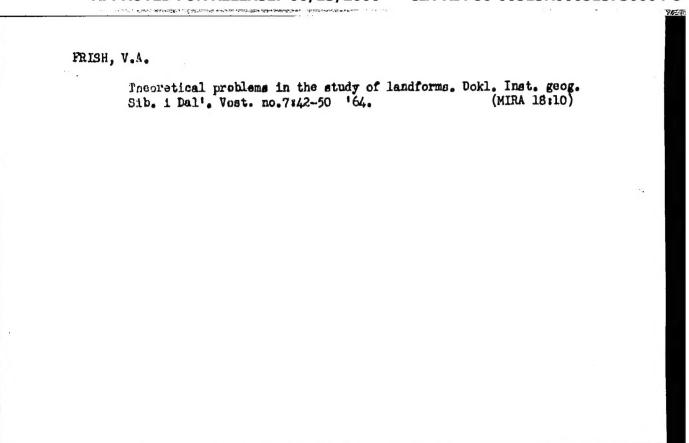
Letters to the editor. Geog.v shkole 24 no.3:65-68 My-Je 161. (MIRA 14:5)

1. Nedryanskaya shkola Kiyevskiy oblasti (for Pasynok). 2. 14-ya shkola g. Kurgana (for Kuprin).

(Physical geography—Study and teaching)

FRISH, V.A., kand.geograf.nauk

Vladimir Alekseevich Batmanov's sixtieth birthday. Okhr.prir. na Urale no.3:161-166 '62. (MIRA 16:6) (Batmanov, Vladimir Alekseevich, 1900)



Chon-argun Steppe. Priroda 53 no.8:126-127 (64. (1775.1772)

FRISH, V.A.

Vladimir Alekseevich Batmanov, 1900-; on his 60th birthday. Zap. Ural fil. Geog. ob-va SSSR no.4:171-176 '61. (MIRA 18:12)

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FRISH, V.A.

Some foreign works in the field of landform study. Dokl. Inst. geog. Sib. i Dal'. Vost. no.3:60-67 '63. (MIRA 18:12)

FRISH, V.A.

Distinctive natural areas as geographical systems (as exemplified by studies on the natural geographical areas of Sysert' District). Sib. geog. sbor. no.4:199-243 (MIRA 18:12)

TO OTHER STREET, NOT THE STREET, STREE

FRISH, V. F., MAKAROV, A. N., DOROTA, P. P.

"New Methods in Borehole Logging of Brown Coal Deposits"

(New Developments in the Mothods and Techniques of Geological Exploration) Leningrad, Gostoptekhirdat, 1958. 423 p. (Series: Its: Sbornik trudov I)

MAKAROV, A.N.; FRISH, V.F.; DOROTA, P.P. Hew method for logging boreholes in lignite deposits. Truly VITR no.1:341-356 158. (MIRA 12:1) (Logging (Geology)) (Lignite)

POPOV, A.A.; FRISH, V.F.

Practive of using the method of radio waves transmitted from boreholes in prospecting for complex ore deposits. Uch. zap. SAIGIMSa no.8:177-181 '62. (MIRA 17:1)

minutes and the control of the contr

l. Vsesoyuznyy nauchno-issledovatel'skiy institut metodiki i tekhniki razvedki.

#### FRISHBERG, A.A.

Investigation of the photometric properties of "spectral" plates produced by Factory No.2 in types I, II, and III. Izv. AN SSSR. Ser. fiz. 19 no.1:131-132 Ja-F '55. (MLRA 8:9)

1. Komissiya po spektroskopii pri Otdelenii fiziko-matematicheskikh nauk Akademii nauk SSSR. (Spectrum analysis) (Spectrometer)

FAL'KOVA, O.B., FRISHBERG, A.A.

Investigation of the uniformity of characteristics of various surface areas of photographic films. Zav.lab. 21 no.3:336-341 \*55.

(Photographic emulsions)

(Photographic emulsions)

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FRISHBERG, A. A., Cand Tech Sci (diss) -- "The use of chemical reactions in the crater of a carbon electrode for spectral determination of small quantities of tellurium and indium in ores and products of their processing". Moscow, 1960.

12 pp (Min Geol and Protection of Mineral Wealth USSR, All-Union Inst of Mineral Raw Materials), 150 copies (KL, No 11, 1960, 134)

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AUTHOR:

Frishberg. A. A.

TITLE:

Improvement to the technique of spectral determination of

some trace elements in ores

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 19, 1962, 117, abstract 19091 (Sb. materialov po gorn. delu, obogashcheniyu i metallurgii, Tuentr. q.-i. gornorazved. in-t, no. 6, 1961, 85, - 90)

That: To increase the sensitivity and accuracy of the analysis the specimens receive additions which, in the crater of a carbon electrode, form high valor pressure compounds with the elements to be determined. Tests made with standards prepared from indium oxide on different bases show that as reament reduces the effect of the base in the In determination and eliminates the effect which the form of the compound has on the accuracy of the analysis. For different Te compounds and metallic Te mixed with iodine the Te evaporation curves are similar, which means that the Te iodice always evaporates from the electrode and enters the discharge are at the Curd 1/2

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Improvement to the ...

same rate. For the quantitative determination of Te, a weighed portion of 0.1 g is mixed with 0.1 g buffer mixture consisting of 10 parts iodine and 1 part Na<sub>2</sub>CO<sub>3</sub>. Graphs are plotted from the sensitive lines, and in the case of high concentrations the Te line 2259 Å is photometrically measured. The mean square error in determination of In and Te is 14 and 8%, respectively. [Abstracter's note: Complete translation.]

Card 2/2

FRISHBERG, A.A.; ORESHONKOVA, T.I.

Temperature changes in specimens and the importance of heating electrodes for chemical reactions in the electrode chamber.

Izv. AN SSSR. Ser. fiz. 26 no.7:889-892 Jl '62. (MIRA 15:8)

(Temperature--Measurement) (Electrodes)

## FRISHBERG, A.A.

Increased determination sensitivity with the aid of chemically active "carriers"; a review. Zhur. prikl. spekt. 3 no. 2: 187-195 Ag '65. (MIRA 18:12)

1. Submitted April 19, 1965.

FRISHBERG, A.N.

Experimental psychological study of abstract thinking in patients with chronic alcoholism. Vrach. delo no.11: 147-148 Nº63 (MFRA 16:12)

1. Kiyevskaya oblastnaya psikhonevrologicheskaya bol'nitsa.

FRISHBERG, A.N.

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Comparative study of the formation of remissions in the paramoid form of schizophrenia in the process of treatment with aminazine and insulin. Vop.klin., patog. i lech. shiz. no.1:145-148 '64.

(MIRA 18:5)

l. Laboratoriya eksperimental'noy patopsikhologii (zav. - doktor pedagogicheskikh nauk B.V.Zeygarnik) i otdel psikhofarmakologii (zav. - kand.med.nauk G.Ya.Avrutskiy) Gosudarstvennogo nauchno-issledovatel'skogo instituta psikhiatrii Ministerstva zdravookhraneniya RSFSR.

EPSHTEYN, T.V.; FRISHBERG, I.A.

Surgical treatment of pulmonary tuberculosis; a review of literature. Grud. khir. 6 no.2:104-110 Mr-Ap '64. (MIRA 18:4)

1. Moskovskaya gorodskaya tuberkuleznaya bol'nitsa No.3 "Zakhar'ino" (glavnyy vrach V.P.Petrik).

FRISHEERG, I.V.; PAZDNIKOV, P.A.; GAVRILOV, L.K.

MINERAL PROPERTY.

Certain prerequisites for the electrolytic preparation of lead sponge from alkali metal chloride solutions and selection of insoluble anodes for electrolysis. Trudy Inst. met. UFAN SSSR no.4:59-64 '58. (MIRA 12:10) (Lead--Electrometallurgy)

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CIA-RDP86-00513R000513730004-8

MIKULINSKIY, A.S. (Sverdlovsk); FRISHEERG, I.V. (Sverdlovsk)

Possibility of preparing liquid magnesium by the condensation of its vapor from argon mixtures at atmospheric pressure. Izv.AN SSSR.Otd.tekhn.nauk, Met.i topl. no.5128-30 S-0 '61.

(MIRA 14:10)

(Magnesium) (Condensers (Vapors and gases))

ASTAF YEVA, MaNa; VETRENKO, Yelas; MIKULINSKIT, Als.; FRISHBERG, I.V.

Rosener-Yarwood's formula for calculating the coefficient
of condensation. Zhur. fiz. knim. 38 no.2:523.525 F ( MIRA 17:8)

T. Institut metallurgii Ural'skogo filiala AN SSSR.

FRISHBERG, I. V.; MIKULINSKIY, A. S.

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Variation of the mass transfer coefficient during the condensation of magnesium vapors from a mixture with helium. Dokl.

AN SSSR 147 no.4:886-888 D 162. (MIRA 16:1)

1. Institut metallurgii Ural'skogo filiala AN SSSR. Predstavleno akademikom S. I. Vol'fkovichem.

(Magnesium) (Helium) (Mass transfer)

FRISHBERG, I.V.; MIKULINSKIY, A.S.

Prospects for developing the silicothermal method of magnesium production. Izv. Sib. otd. AN SSSR no.2:63-66 '62. (MIRA 16:10)

1. Ural'skiy filial AN SSSR, Sverdlovsk.

FRISHBERG, I.V.; MIKULINSKIY, A.S.; VETRENKO, Ye.A.

Device for measuring the quantity of a condensing substance. Zav. lab. 29 no.9:1143-1144 '63. (MIRA 17:1)

1. Institut metallurgii Ural'skogo filiala AN SSSR.

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ACC NR: AT7001208

SOURCE CODE: UR/0000/66/000/000/0069/0073

AUTHORS: Mikulinskiy, A. S.; Frishberg, I. V.

ORG: none

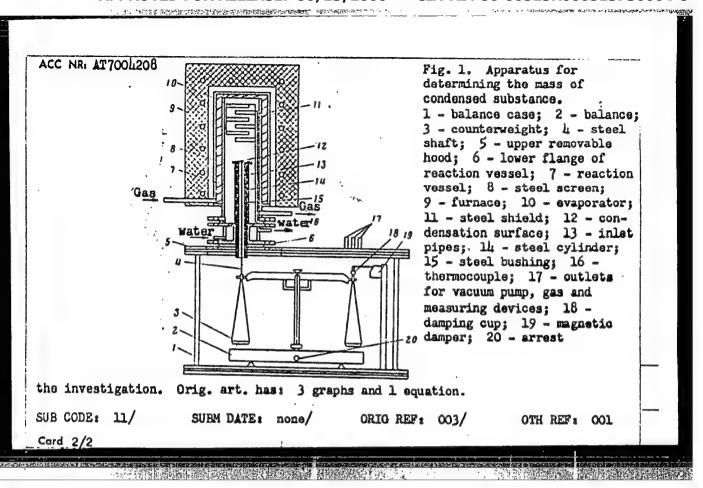
TITLE: Investigation of condensation of magnesium vapors from a mixture of magnesium vapor and helium gas

SOUNCE: AN SSSR. Institut metallurgii. Eksperimental'naya tekhnika i metody vysokotemperaturnykh izmereniy (Experimental techniques and methods of high temperature measurement). Moscow, Izd-vo Nauka, 1966, 69-73

TOPIC TAGS: magnesium, helium, metal vapor deposition

ABSTRACT: An apparatus for determining the mass transfer coefficient during metal vapor condensation from a mixture of metal vapor and permanent gas was developed. A schematic of the apparatus is presented (see Fig. 1). This apparatus was used for determining the rate of condensation of magnesium vapors from a helium-magnesium vapor mixture. The experimental results are shown graphically. It was found that the condensation rate obeyed the Stephan-Maxwell law. Ye. A. Vetrenko participated in

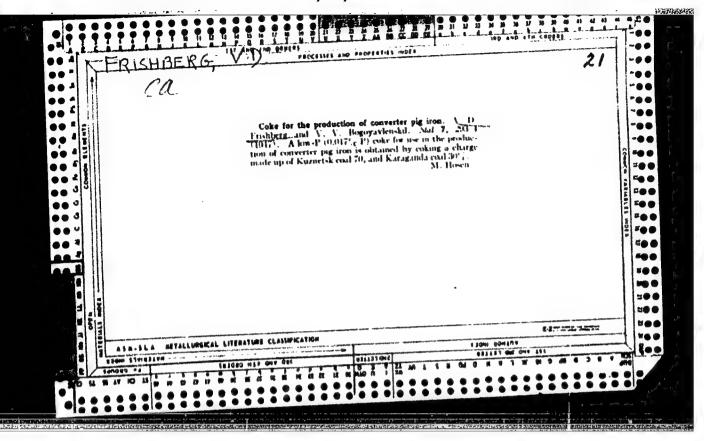
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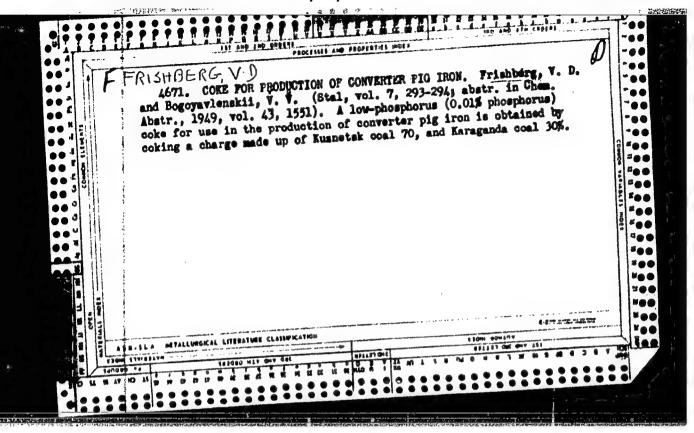


FRISHBERG, M.F., inzh., red.; MUNITS, A.P., red.izd-va; GILENSON, P.G., tekhn.red.

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1. Russia (1917- R.S.F.S.R.) Ministerstvo stroitel\*stva. (Electric engineering)





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FRISHBERG, V.D.; POPOVA, M.Ye.; PERMITINA, K.S.

Properties of dull components (durain) of coals from the Balakhenka series in the Kuznetsk Basin. Koks i khim.no.2:5-12 156.(MIRA 9:7)

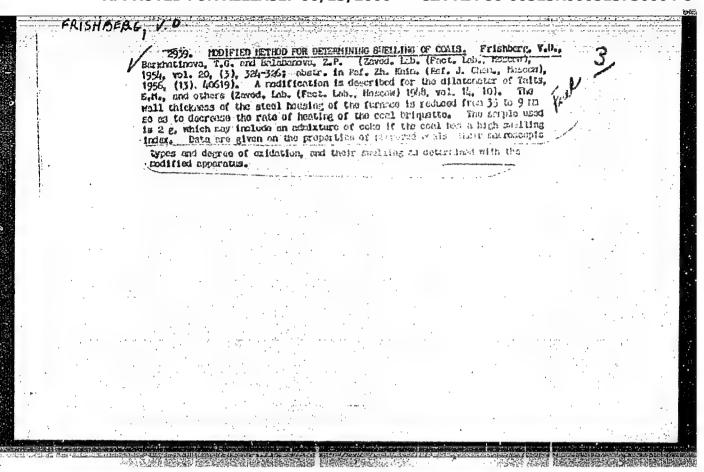
1. Vestochnyy uglekhimicheskiy institut. (Kuznetsk Basin--Coal--Analysis)

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AFONIN, K.B.; BURTSEV, K.I.; BYSTROW, S.N.; VINETS, G.B.; VODNEV, G.G.; VORONIN, A.S.; GEVLICH, A.S.; GRYAZNOW, N.S.; GUDIM, A.F.; GUSYATINSKIY, M.A.; DVORIN, S.S.; DIDENKO, V.Ye.; DMITRIYEV, M.M.; DONDE, M.M.; DOROGOBID, G.M.; ZHDANOV, G.I.; ZAGORUL'KO, A.I.; ZELENETSKIY, A.G.; IVASHCHENKO, YA.N.; KAFTAN, S.I.; KVASHA, A.S.; KIDEYEV, A.D.; KLISHEVSKIY, G.S.; KOZYREV, V.P.; KOLOBOV, V.N.; IGALOV, K.I.; IEYTES, V.A.; IERNER, B.Z.; LOBODA, N.S.; LUBINETS, I.A.; MANDRYKIN, I.I.; MUSTAFIN, F.A.; NEMIROVSKIY, N.Kh.; NEFEDOV, V.A.; OBUKHOVSKIY, YA.M.; PKRTSEV, M.A.; PETROV, I.D.; PODOROZHANSKIY, M.O.; POPOV, A.P.; RAK, A.I.; REVYAKIN, A.A.; ROZHKOV, A.P.; ROZENGAUZ, D.A.; SAZONOV, S.A.; SIGALOV, M.B.; STOMAKHIN, YA.B.; TARASOV, S.A.; FILIPPOV, B.S.; FRIDMAN, N.K.; FRISHEERG, V.D.; KHAR'KOV—SKIY, K.V.; KHOLOPTSKV, V.P.; TSAHEV, M.N.; TSOGLIN, M.E.; CHERNYY, I.I. CHERTOK, V.T.; SHELKOV, A.K.

Samuil Berisevich Bamme. Keks i khim.ne.6:64 156. (MLRA 9:10)
(Bamme, Samuil Berisevich, 1910-1956)

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International D.

Peremitina, K.S. and Frishberg, V.D. (VUKhIN)

519

AUTHOR: TITLE:

Coals of the Kol'chuginsk strata of the Kuznetsk Basin as a raw coking material. (Ugli Kol'chuginskoy svity Kuznetskogo Basseyna kak syr'e dlya koksovaniya.)

PERIODICAL: "Koks i Khimiya" (Coke and Chemistry), 1957, No. 4, pp. 3 - 8, (U.S.S.R.)

ABSTRACT:

A short characteristic of coals from main deposits of the Kolchuginsk strata is given. In order to evaluate their coking properties, a systematic investigation on laboratory, pilot plant and in some cases on a full industrial scale was carried out, In Table 1 quality characteristics (technological group, vitrinite content, plastometric indices, ash and volatile contents) of typical coals from the Kolchuginsk strata (mainly gas and fat coals) and the physical properties of coke produced on a pilot plant scale are given. Results of pilot plant coking of binary mixtures with a diluting coal of the TS sh.9-15 group from the Anzhersk deposit are given in Table 2. The results of the pilot plant coking experiments were, to a considerable extent, confirmed on industrial ovens (Table 3). On the basis of the results obtained the following is recommended: 1) increase in the volume of prospecting and industrial mining in some sector of the above deposits; 2) improvement in beneficiation methods; 3) utilisation of gas coals in blends of Eastern coking plants; 4) in order to utilise gas coals of a low coking

## "APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730004-8

68-58-5-1/25

AUTHORS: Frishberg, V.D., Permitina, K.S. and Myuller, I.P.

TITIE: Coals of the Balakhonsk Series of the Kuznetsk Basin as

a Raw Material for Coking (Ugli balakhonskoy svity Kuznetskogo

basseyna kak syr'ye dlya koksovaniya)

PERIODICAL: Koks i Khimiya, 1958, Nr 5, pp 3 - 9 (USSR).

ABSTRACT: Coals from measures of the second coal-bearing series of the Kuznetsk Basin (Balakhonsk) are characteristic in their non-uniform structure. The content of vitrite varies from 20 to 70% and their rank from gas coals to lean coals. Technological characteristics of the main types of these coals are given in Table 1 and the results of their coking on a pilot plant scale - Table 2 and the figure. At present, these coals are utilised in the blends of the Eastern Works, in a proportion of up to 60%. On the basis of the experimental results obtained, it is proposed to introduce some changes in the technological groupings of the above coals assigned to them at present. There are 2 tables and 1 figure.

ASSOCIATION: VUKhIN

Card 1/1

507/68-59-1-3/26

ATITHORS:

TITIE:

Frishberg, V.D., Permitina, K.S. and Sokolov, V.Z. Geological Reserves of Coal in the Kuznetskiy Basin as a Factor Determining the Direction of Development of the

Coking Technology (Geologicheskiye zapasy uglya Kuznetskogo

basseyna kak faktor, opredelyayushchiy napravleniya

razvitiya tekhnologii koksovaniya)

Koks i Khimiya, 1959, Nr 1, pp 10 - 13 (USSR) PERIODICAL:

ABSTRACT: As the main effort in the future development of the iron and steel industry will be concentrated in the Eastern economic regions, the Kuznetskiy withasin will become the main supply source of coking coals for these regions. Proved coal reserves of the basin and their distribution

according to technological coal types are discussed (Tables 1, 2). It is concluded that proved reserves of coals suitable for coking amount to about 11 milliard tons, i.e. sufficient for 70-100 years. The distribution of coals reserves between the individual technological coal types can secure the increase in the output of coke up to 60-65 million tons per year, providing preferential crushing and new coking technology (Ref 5) are employed.

Card1/2

THE PARTY OF THE PROPERTY OF THE PARTY OF TH

SOV/68-59-1-3/26 Geological Reserves of Coal in the Kuznetsch Bakir as a Factor Determining the Direction of Development of the Coking Technology

With the conventional coking technology the yearly output of coke can reach 35 million tons. The main effort in prospecting work should be directed towards finding soft coals. There are 2 tables and 6 Soviet references.

ASSOCIATION: VUKhIN

Card 2/2

### CIA-RDP86-00513R000513730004-8

MYULLER, I.P.; FRISHBERG, V.D., kand.tekhn.nauk

Blending of coals in mines and in coal preparation plants of the Kuznetsk Basin. Koks.i khim. no.1:6-10 '60. (MIRA 13:6)

1. Vostochnyy uglakhimicheskiy institut.
(Kusnetsk Basin-Goal preparation)

TO OF THE RESERVE TO THE WAR STREET OF THE STREET AND THE STREET A

S/081/61/000/021/063/094 B138/B101

AUTHORS:

Permitina, K. S., Frishberg, V. D.

TITLE:

Coals of the Kuznetsk Basin

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 21, 1961, 396, abstract 21M24 (Sb."Podgotovka i koksovaniye ugley, Sverdlovsk, Metallurgizdat, no. 2, 1960, 3-31)

TEXT: A detailed description of the Kuznetsk coals. The petrographic, technical and technological characteristics of the coals are given; certain laws governing variations in properties are revealed, and information regarding the structure of the reserves is provided, together with other points of interest. In conclusion it is indicated that the evaluation of the data obtained by exploratory and preliminary prospecting opens up the prospect of a considerable increase in reserves of fat coals in the near future. There are 22 references. [Abstracter's note: Complete translation.]

Card 1/1

FRISHBERG, V.D.; SAZONOV, S.A.

Developing the resources of raw materials for coking in the Bast of the U.S.S.R. Koks 1 khim. no.5:6-9 '60.

(MIRA 13:7)

1. Vostochnyy uglekhimicheskiy institut (for Frishberg). 2. Gosplan RSFSR (for Sasonov).

(Coke industry)

THE STATE OF THE S

FRISHBERG, V.D.; SUKHENKO, S.I.

Coking time for coal charges containing an increased amount of gas coal from the Kuznetsk Basin. Koks i khim. no.8:11-12 '60.

(MIRA 13:8)

1. Vostochnyy uglekhimicheskiy institut (for Frishberg). 2. Kusnetskiy metallurgicheskiy kombinat im. I.V.Stalina (for Sukhenko).

(Coal--Carbonization)

## "APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730004-8

BARKHATINOVA, T.G.; POPOV, N.A.; FATEYEV, A.A.; FRISHBERG, V.D.

Distinction between low caking and noncaking coals in the Luznetsk Basin. Koks i khim. no.8:3-4 '61. (MIRA 15:1)

1. Vostochnyy uglekhimicheskiy institut.
(Kuznetsk Basin--Coal)

# "APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730004-8

FRISHBERG, V.D.

Pechora Basin coals as resources of raw materials for coking. Koks 1 khim. no.2:13-15 162. (MIRA 15:3)

1. Vostochnyy uglekhimicheskiy institut. (Pechora Basin-Coals)

OSTROUKHOV, M.Ya.; PANCHENKO, S.I.; Prinimali uchastive: FRISHBERG, V.D.;
PETROV, V.K.; RESHETKO, A.; VYATKIN, G.P.; RRATCHENKO, V.P.;
FOFANOV, A.A.; MILYAYEV, M.N.; PRIVALOV, V.Ye.; MUSTAFIN, F.A.;
PUSHKASH, I.I.; LAZAREV, B.L.

Experimental blast furnace smelting using coke from wet preparation coals. [Sbor. trud.] Nauch,-issl.inst.met. no.4:63-70 '61. (MIRA 15:11)

1. Vostochnyy uglekhimicheskiy institut (for Ostroukhov, Panchenko, Frishberg, Petrov, Reshetko). 2. Nauchno-issledovatel skiy institut metallurgii (for Vyatkin, Bratchenko). 3. Nizhne-Tagil skiy metallurgicheskiy kombinat (for Privalov, Mustafin, Pushkash, Lazarev).

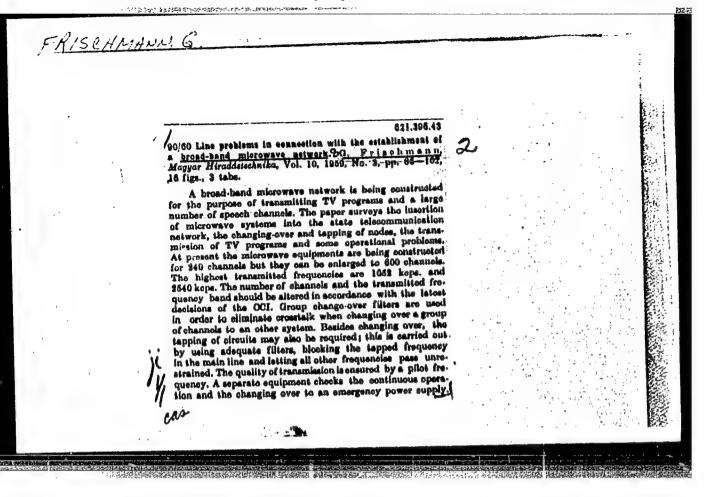
(Blast furnaces—Testing) (Coke—Testing)

MIROSHNICHENKO, A.M., kand. tekhn. nauk; PANCHENKO, S.I., doktor tekhn. nauk; SHTROMBERG, B.I., kand. tekhn. nauk; FRISHEERG, \_\_V.D., kand. tekhn. nauk; BAYDALINOV, P.A., inzh.; GRYAZHOV, N.S., doktor tekhn. nauk; ZASHKVARA, V.G., doktor tekhn. nauk; LAZOVSKIY, I.M., kand. tekhn. nauk; MARINICHEV, B.T., inzh.; FEL'DBRIN, M.G., kand. tekhn. nauk; BAKUN, N.A., inzh.; BARATS, B.M., inzh.; VOZNYY, G.F., kand. tekhn. nauk; MIKHAL'CHUK, A.M., inzh.; TOPORKOV, V.Ya., kand. tekhn. nauk; FLORINSKIY, N.V., inzh.; KHAYET, A.N., inzh.; SHELKOV, A.K., inzh., red.; ARONOV, S.G., doktor tekhn.nauk, red.; PREOBRAZHENSKIY, P.I., inzh., red.

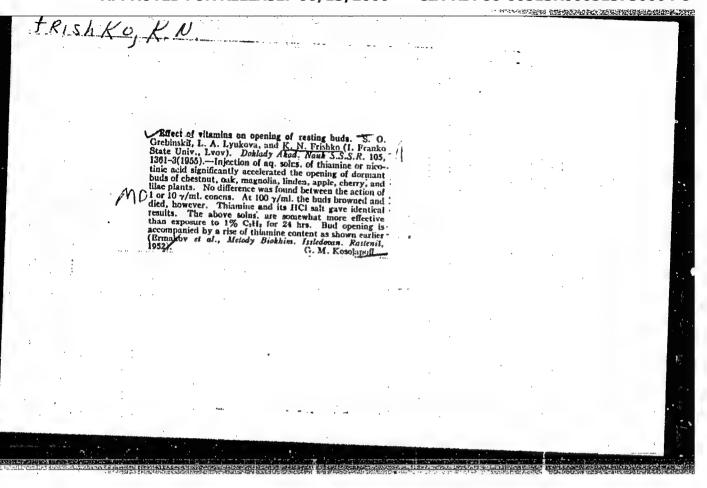
[Manual for coke chemists in six volumes] Spravochnik koksokhimika v shesti tomakh. Moskva, Izd-vo "Metallurgiia." Vol.1.
[Source of raw materials and preparation of coal for coking]
Syr'evaia baza i podgotovka uglei k koksovaniiu. 1964. 490 p.
(MIRA 17:5)

CIA-RDP86-00513R000513730004-8

08053-67 EVT(1)/EWP(m) WW CC NRI AP6031993 SOURCE CODE: UR/0023/66/000/002/0207/0210 UTHOR: Frishman, F. -- Frisman, F. 51 B ORG: Institute of Thermophysics and Electrophysics, Academy of Sciences, Estonian SSR (Institut termofiziki i elektrofiziki Akademii nauk Estonskoy SSR) TITLE: Mixing processes in a system of two parallel jets SOURCE: AN EstSSR. Izvestiya, Seriya fiziko-matematicheskikh i tekhnicheskikh nauk, no. 2, 1966, 207-210 TOPIC TAGS: heat conduction, jet flow, parallel jet system ABSTRACT: An attempt has been made to explain the possibility of using a method of "Equivalent task" of the theory of heat conduction for finding concentration fields in a binary system of two-dimensional jet flows with parallel axes. The results obtained are in satisfactory agreement with experimental findings. The study has been carried out at the Institute of Thermophysics and Electrophysics, Academy of Sciences, Estonian SSR under the guidance of Yu. Ivanov, Doctor of Technical Sciences. Orig. art. has: 3 figures and 8 formulas. [Based on author's abstract] SUB CODE: 20/ SUBM DATE: 22Jun65/ ORIG REF: 002/ 1/1 mc



CIA-RDP86-00513R000513730004-8



### CIA-RDP86-00513R000513730004-8

FRISHMAN, A.I., inzhener; PROKHOROV, M.V., inzhener.

Mechanization and automation in manufacturing electric motors at the "Volta" Plant. Vest.elektroprom. 27 no.11:17-21 N '56. (MLRA 9:12)

1. Zavod "Vol'ta" (for Frishman). 2. Nauchno-issledovatel'skiy institut Ministerstva elektropromyshlennosti (for Prokhorov). (Electric motors) (Metalworking machinery) (Automatic control)

# "APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730004-8

FRISHMAN, A. V.

SHF Electron-Beam Instrument, Patent, Class 21d. 1301. No 103252;
Elektrosvyaz' No 1, Jan 57.

CIA-RDP86-00513R000513730004-8

17513HM4N

USSR/Miscellaneous - Communication work planning

Card 1/1

Pub. 133 - 8/23

Authors

Frishman, D. I., Head of the Planning and Finance Division of the Kharkov Regional Communications Office

Title

Methods for improving the planning of work and efficiency of the district

communications bureaus

Periodical:

Vest. svyazi 8, 13-14, Aug 1954

Abstract

The deficiencies in planning and making out yearly programs of work of the district communications bureaus are analyzed. The analysis indicated that the main reason for these deficiencies is the inexperience and lack of training of executive personnel. Only one out of the 33 managers of the Kharkov Regional Communications Offices was graduated from a technical high school, while the rest have never finished junior high or even the grade schools. The author suggests improving the system of training managerial personnel, as well as the revision of training programs.

Institution :

Submitted

4

FRISMAN, E. V., VOROBYEV, V. I., SHCHAGINA, L. V., YANOVKSAYA, N. K. and

"Dynamic Double Refraction of Nucleic Acid Solutions." pp. 79

Physics Institute of the Leningrad State University, Laboratory of Cytology of Malignant Growth, and Institute of Cytology of the Academy of Sciences USSR

II Nauchnaya Konferentsiya Institutologii AN SSSR. Tezisy Dokladov (Second Scientific Conference of the Institute of Cytology of the Academy of Sciences USSR, Abstracts of Reports), Leningrad, 1962, 88 pp.

JPRS 20,634

THE PROPERTY OF THE PROPERTY O

SYUY MAO [Haii Mao]; FRISMAN, E.V.

Light scattering and viscosity of polyparachlorostyrene solutions in butanone. Vysokom. soed. 4 no.12:1839-1843 D '62. (MIRA 15:12)

l. Nauchno-issledovatel'skiy fizicheskiy institut
Leningradskogo gosudarstvennogo universiteta.
(Styrene polymers)
(Light--Scattering) (Viscosity)

CIA-RDP86-00513R000513730004-8

FRISMAN, E.V.; VOROB'YEV, V.I.; SHCHAGINA, L.V.; YANOVSKAYA, N.K.

Dynamic birefrigence in deoxyribonucleic acid (DNA) solutions.

Part 2: Effect of thermal denaturation and ionic strength of the solution on the structure of DNA macromolecules. Vysokom.soed.

5 no.4:622-627 Ap '63. (MIRA 16:5)

FRISMAN, E.V.; VOROB'YEV, V.I.; YANOVSKAYA, N.K.; SHCHAGINA, L.V.

Studying the molecular structure of ribonucleic acid by the method of dynamic birefringence. Biokhimiia 28 no.1:137-144
Ja-F 163. (MIRA 16:4)

1. Physical Institute of the State University and Institute of Cytology, Academy of Sciences of the U.S.S.R., Leningrad. (NUCLEIC ACIDS) (REFRACTION, DOUBLE)

CIA-RDP86-00513R000513730004-8

FRISMAN, E.V.; DADIVANYAN, A.K.; DYUZHEV, G.A.

Determining the optical anisotropy of macromolecules. Dokl. AN SSSR 153 no.5:1062-1064 D '63. (MIRA 17:1)

1. Fizicheskiy institut Leningradskogo gosudarstvennogo universiteta im. Zhdanova. Predstavleno akademikom A.N. Tereninym.

CIA-RDP86-00513R000513730004-8

FRISMAN, E.V.; SYUY MAO [Hsu Mao]

Effect of deformation on the optical and hydrodynamic behavior of macromolecules in solution. Vysokom. soed. 6 no.1:34-40 (MIRA 17:5)
Ja 64.

1. Fizicheskiy institut Leningradskogo gosudarstvennogo universiteta.

CIA-RDP86-00513R000513730004-8

FRISMAN, E.V.; SYUY MAO [Hau Mao]

Effect of the intrinsic viscosity of macromolecules on their deformability in the flow. Vyskom. soed. 6 no.1:41-46 Ja\*64. (MIRA 17:5)

1. Fizicheskiy institut Leningradskogo gosudarstvennog universitete.

FRISMAN, E.V., VOROB'YEV, V.I.; SHCHAGINA, E.V.

Plaw birefringence in solutions of decayribonucleic said.
Part 3:Dependence of the optical anisotropy of decayribonucleic said molecules on the molecular weight. Vysokom.sued. 6 no. 5: 884-890 My '64.

1. Leningradskiy gosudarstvennyy universitet imeni Gidanova i Institut tsitologii AN SSSR.

# CIA-RDP86-00513R000513730004-8

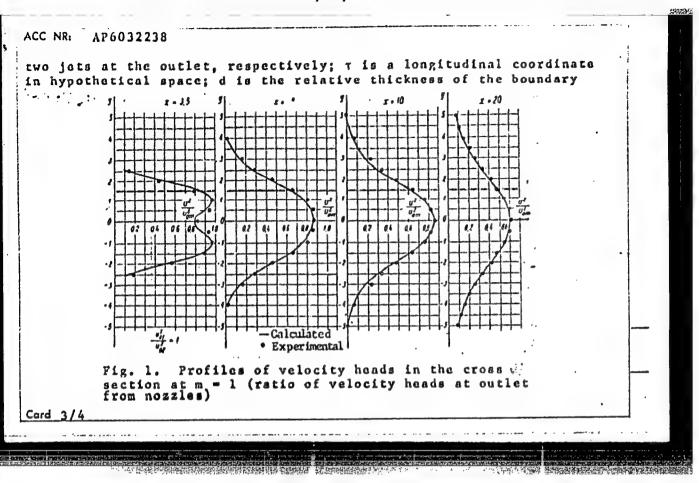
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· ·	L. 1.1.231-65 FWT(1)/EWP(m) SOURCE CODE: UR/0023/66/000/001/0076/0080
	ACC NR: AP6022181 SOURCE CODE: UR/1022/50/50/
3	AUTHOR: Frishman, F.
	AUTHOR: Frishman, F. Academy of Sciences
,	ORG: Institute of Thermophysics and Electrophysics, Academy of Sciences  Estonian SSR (Institut termofiziki i elektrofiziki akademii nauk Estonskoy SSR)
	Estonian SSR (Institut termoniziki termoni
	TITLE: Effect of the initial velocity profile on the development of a plane-parallel
	submerged turbulent let
	SOURCE: AN EstSSR. Izv. Ser via matem i tekhn n, no. 1, 1966, 76-80
	SOURCE: AN EstSSR. 12V. Set VI
	TOPIC TAGS: turbulent jet, velocity profile, boundary layer, linear equation, heat
	conduction, motion equation
	ABSTRACT: A method of calculation has been proposed for a free plane-parallel
	ABSTRACT: A method of calculation has been proposed for a free plant of the asymptojet with a nonuniform initial velocity profile, based on the conception of the asymptojet with a nonuniform initial velocity profile, based on the conception of motion
	jet with a nonuniform initial velocity profile, based on the conception of motion tic nature of the boundary layer. The basic equation is a linear equation of motion transformed into the typical equation of heat conduction in imaginary space. As the
	transformed into the typical equation of heat conduction
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experiment implies, the function of transformation from imaginary to a not depend on the form of the initial velocity profile. Orig. art. has: 2 9 formulas. [Based on author's abstract]									
SUB CODE: 20	/ SUBM DAT	E: 02Jul65/	ORIG REF: 00	3/					
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CIA-RDP86-00513R000513730004-8

ACC NR: AP6032238 SOURCE CODE: UR/0023/66/000/003/0416/0422 AUTHOR: Frishman, F. Prisman, F. ORG: Institute of Thermophysics and Electrophysics, Academy of Sciences Estonian SSR (Institut termofiziki i elektrofiziki Akademii nauk Estonskoy SSR) TITLE: Interaction of jets discharging from two rectangular, parallel, nozzles with a small gap SOURCE: AN EstSSR. Izvestiya. Seriya fiziko-matematicheskikh i tekhnicheskikh nauk, no. 3, 1966, 416-422 TOPIC TAGS: gas jet, jet mixing, combustion, combustion chamber, nozzle flow, jet flow, flow velocity ABSTRACT: The interaction of jets is important for designing burners for the combustion of pulverized coal, combustion chambers, combustion devices using fuel in thin jets, etc. Previous studies, however, have dealt mostly with the interaction of jets having identical discharge velocities. L. A. Vulis (Izv. AN Kaz. SSR. Ser. energetich., vyp. 2(18), 60-67, 1960) showed that the problem can be solved by linearization of the equation of motion. In the present study, which uses this approach, a previous analysis by Ustimenko (Izv. AN Kaz.SSR. Ser. energetich., vyp. 2(18), 68-83, 1960) was expanded and a method was developed for Card 1/4

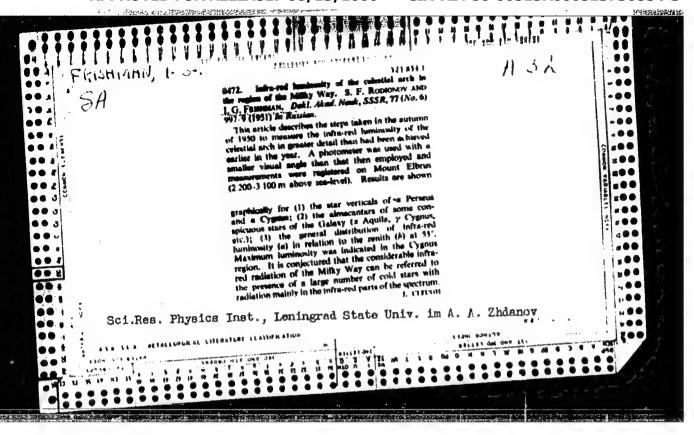


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layer; al and al are parameters characterizing the parabolic velocity head profile at the outlet from the nozzles; L, relative height of the nozzle; x and y, coordinates; and δ is the hypothetical gap between nozzles. Orig. art. has: 5 figures and 9 formulas.								the !				
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### CIA-RDP86-00513R000513730004-8



SOV-120-58-1-32/43

AUTHOR: Frishman, I. G.

TITLE: A Fast Electro-photometer for Measuring the Brightness of the Aurora Polaris (Skorostnoy elektrofotometr dlya izmereniya yarkosti polyarnykh siyaniy)

PERIODICAL: Pribory i Tekhnika Eksperimenta, 1958, Nr 1, pp 128-130 (USSR)

ABSTRACT: The main difficulty associated with the photometry of aurora polaris is small and rapidly changing brightness. It is therefore usual to photometer one or two lines or bands of the spectrum since the use of electro-photometers with galvanometers as recording instruments does not allow simultaneous studies of several lines or bands. It is essential to be able to obtain absolute intensities and to study the re-distribution of energy in the spectra of aurorae during rapid changes of intensity and form. In order to do this it is necessary to carry out the measurement sufficiently rapidly so that during a series of measurements the intensity does not change. The electro-photometer described in this paper may be used to carry out such measurements with high accuracy. A schematic diagram of the electro-photometer is shown in Fig.1. The apparatus consists of Card 1/2 mirror at 450 to the axis and rotatable about the latter,

SOV-120-58-1-32/43

A Fast Electro-photometer for Measuring the Brightness of the Aurora Polaris.

followed by an objective lens (25 cm in diameter; focal length 50 cm) and a Fabry lens placed behind a stop. The latter lens forms an image of the objective on the photocathode of a photomultiplier. The stop is variable so that a wide solid angle can be obtained if necessary. A shutter in the form of a disc containing 10 apertures is placed immediately in front of the photocathode. Interference filters placed in these apertures transmit narrow wavelength bands. The shutter is attached to a synchronous motor and can be rotated with a speed of one rev/sec. Thus modulation of the light flux and the exchange of the light filters is obtained using a single disc. If there were no filters the modulation frequency would be 10 c/s. However, since the flux through a light filter may have any magnitude, the current pulses from the photomultiplier are in general different. It follows that the time constant of the amplifier should be sufficiently small. The amplifier (Fig. 2) is in the form of a three stage AC amplifier using 6ZhZP valves. The first stage (pre-amplifier) is included

Card 2/3

SOV-120-58-1-32/43

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A Fast Electro-photometer for Measuring the Brightness of the Aurora Polaris.

in the same box with the photomultiplier. The second stage is a voltage amplifier working at a frequency of 10 c/s with a band of 15 c/s. An RC filter is used and is shown on the right of Fig.2. The final stage is a current amplifier with large gain. To obtain absolute intensity the instrument was first calibrated. The photometer as a whole has a high sensitivity and can be used to measure not only intensities of aurorae but also the emission of the night sky, i.e. intensities of the order of 10-4 erg/sec cm<sup>2</sup> sterad. The photometry of aurorae may be carried out with an accuracy of 5%. There are 3 figures and no references.

ASSOCIATION: Murmanskoye otdeleniye NIZMIR (Murmansk Branch of NIZMIR)

SUBMITTED: July 31, 1957.

1. Aurorae--Spectra 2. Photometers--Performance 3. Photometers--Equipment 4. Photomultipliers--Performance

Card 3/3

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SOV/51-6-3-7/28

AUTHOR: Frishman, I.G.

Distribution of Energy in the Spectra of Aurora Borealis in the Region 3900 - 8700 20 (Raspredeleniye energii v spektrakh polyarnykh siyaniy v oblasti 3900 - 8700 2)

PERIODICAL: Optika i Spektroskopiya, 1959, Vol 6, Nr 3, pp 323-328 (USSR)

ABSTRACT: Since 1954 the author has been carrying out regular photoelectric measurements of the absolute luminance (brightness)
of aurora borealis in a wide spectral region. Between 1954
and 1956 he used a photometer (No.1) whose electric part was
developed at the Photometry Laboratory NIFI of the Leningrad
State University (Ref.2). This photometer was used
together with six narrow-band filters (half-widths 150 %)
which covered the region 5500 - 8700 %. The transmission
maxima of these filters corresponded to the positions of
the strongest lines and bands in this region of the spectrum:
5577, 6300, 7200, 7700, 7900 and 8680 %. One series of
measurements took 1.5 minutes. From 1956 the author used
Card 1/3 a new photometer (No.2) developed by himself and described

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SOV/51-6-3-7/28

Distribution of Energy in the Spectra of Aurora Eorealis in the Region 3900 - 8700 R

> Photometer No.2 was used with three interin Ref.5. ference filters (half-widths 120 R) which were employed to separate out the 3914 and 4278 & bands and the 5577 A line. One series of measurements with photometer Both photometers were calibrated in No.2 took 1 second. The photometer No.2 was used in conjunction absolute units. with a photomultiplier FEU-19, which was much more sensitive than FEU-22 used with the photometer No.1. As a result the sensitivity of the photometer No.2 was forty times higher than that of photometer No.1 when the 5577 R line was measured. The author allowed for atmospheric absorption by carrying out every night one calibration measurement of luminance due to moon or Jupiter (Ref.6). Minimum luminance of the green line at 5577 R was found to be 3 x 10<sup>-4</sup> erg sec<sup>-1</sup> cm<sup>-1</sup> steradian<sup>-1</sup>, and maximum luminance of the same line was 11 x 10<sup>-2</sup> erg sec<sup>-1</sup> cm<sup>-1</sup> steradian<sup>-1</sup>. Absolute luminances of the other measured lines and bands were of the Table 2 gives certain typical absolute same order. Relative luminances of lines and bands (with luminances.

Card 2/3 the luminance of the 5577 R line taken as 100) are given in

SOV/51-6-3-7/28

Distribution of Energy in the Spectra of Aurora Borealis in the Region 3900 - 8700 A

Table 3 for four types of aurora observed at Murmansk: diffuse "bows", radial "bows", "curtains", and diffuse aurora. The left-hand column under each wavelength in Table 3 gives the mean relative luminance and the right-hand column gives the minimum and maximum values. Acknowledgments are made to S.F. Rodionov for his advice. There are 3 tables, 2 figures and 15 references, of which 5 are Soviet, 8 English, 1 German and 1 French.

SUBMITTED: September 22, 1958

Card 3/3

' 30V/51-7-4-28/32

AUTHOR:

Frishman, I.G.

TITLE:

Recording of Auroral Spectra Using a Photoelectric Spectrometer

TERICDICAL: Optika i spektroskopiya, Vol 7, Kr 4, pp 574-575 (USSR)

ABSTRACT:

The author constructed a simple spectrometer based on a mirror monochromator with a diffraction grating (600 lines/mm, working area 17 x 80 mm, second order) produced in the workshops of the Physics Institute at the Leningrad State University (NIFI LGU). The focal lengths of the collimator mirrors and of the camera were 700 mm. The exit and entry slits were 16 mm high. In the green region the monochromator had dispersion of 11.4 Num. With 1 mm wide slits the monochromator collected radiation from 0.1 square degrees of the sky. A photomultiplier FEU-19-M, working at 1300 V, was used as a receiver; it was calibrated in absolute units. The photomultipler current was amplified by means of a resonance amplifier tuned to 238 c/s, which was the frequency employed to interrupt the incident beam by means of a The amplified photocurrents were recorded by means rotating disk. of a string oscillograph POB-12. Auroral spectrum in the region 3914-5577 A was recorded in 77 sec; this rate could be increased at least five times. Fig 1 shows a record of the spectrum of barely

Card 1/2

Recording of Auroral Spectra Using a Photoelectric Spectrometer Sov/51-7-4-28/32

visible diffuse emission in the region 3914-5577 Å. The absolute intensities of the lines shown in Fig 1 were 13, 0.5, 4 and 17.x 10-4erg. sec-1.cm-2.sterad-1 for 5577, 4709, 4278 and 3914 Å respectively. Fig 2 shows the spectrum (3914-4708 Å) of a diffuse auroral emission in the southern part of the sky. A small peak corresponding to the Heline (8 x 10-5erg.sec-1.cm-2.sterad-1 intensity) can be seen in the lower part of Fig 2. There are 2 figures and 5 references, 4 of which are Soviet and 1 English.

SUBMITTED: April 25, 1959

Card 2/2

FRISHMAN, I. G. Cand Phys-Math Sci -- "Distribution of energy in spectre of polar surores." Len, 1960. (Len Order of Lenin State Univ im A. A. Zhdanov). (KL, 1-61, 181)

-34-

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5/180/61/000/005/004/018 E021/E180

**AUTHORS:** 

Mikulinskiy, A.S., and Frishberg, I.V. (Sverdlovsk)

TITLE:

The possibility of obtaining liquid magnesium by condensation of a mixture of magnesium vapour and

argon at atmospheric pressure

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye tekhnicheskikh nauk. Metallurgiya i toplivo.

no.5, 1961, 28-30 (+ 1 plate)

Experiments were carried out using the apparatus shown TEXT: in Fig.1. This consists of a sealed flask 5 with an external heating 3. The reaction tube 7 with ground-in lid 6 is placed inside. A crucible 4 with a log sample of metal is suspended from the lid. There are also two thermocouples 8inside the reaction tube. The temperature in the hot zone can be controlled to  $\pm 10$  °C. The walls of the tube are cooled naturally and the temperature of the walls gradually decreases from the hot zone downwards. The length of the tube is 300 mm and the zone of evaporation 60 mm. The magnesium is preliminarily degassed at

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400 °C in vacuo. Then purified argon is fed in and the temperature is allowed to increase. An appreciable amount of metal begins to evaporate as the melting point is approached. Atmospheric pressure is maintained. After holding for 2 hours at the required temperature, the heater is switched off and the tube is quickly cooled in air. The evaporating temperature, the variation in temperature along the tube, the diameter of the reaction tube and the size of the condensation surface were varied in the experiments. Results showed that a similar amount of metal was condensed at atmospheric pressure and 900-1000 °C as at 0.1-0.2 mm Hg and 475-550 °C. A decrease in length of the high temperature zone by a factor of 1.3 resulted in a decrease in yield of compact metal by a factor of 1.4. Thus the experiments indicated the possibility of obtaining compact magnesium by condensation from a mixture of magnesium vapour and argon at atmospheric pressure. There are 2 figures, 1 table and 7 references: 4 Soviet-bloc and 3 non-Soviet-bloc. The English language references read as follows: Ref. 2: F.E. Block, T.T. Campbell. Producing magnesium by silicothermic reduction, U.S. Bureau Mines Report Card 2/ 13

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The possibility of obtaining liquid... S/180/61/000/005/004/018 E021/E180

Investigations, 1956, 5275.

Ref.3: J.J. Betcherman, L.M. Pidgeon. The physical nature of solid condensates produced in the distillation of volatile metals. Canad. Mining and Metallurg. Bull., 1951, 475, 44.

SUBMITTED: March 25, 1961

CIA-RDP86-00513R000513730004-8" APPROVED FOR RELEASE: 06/13/2000

43815

S/020/62/147/004/025/027 B101/B186

11.1520

AUTHORS:

Frishberg, I.V., Mikulinskiy, A.S.

TITLE:

Variation in the mass transfer coefficient for magnesium

vapor condensation from a mixture with helium

PERIODICAL:

Akademiya nauk SSSR. Doklady, v. 147, no. 4, 1962, 886-888

TEXT: The condensation of magnesium vapor mixed with helium was determined at atmospheric pressure and at a flow rate of 1 cm/sec. Details of the method used for the purpose will be described in a paper that is now being printed. In the first series of experiments, the concentration of magnesium in the vapor and on the condenser surface was altered by varying the temperature of condensation. In the second series, only the surface temperature of the condenser was varied, the initial partial pressure of the magnesium being kept constant. The mass initial partial pressure of the magnesium being kept constant. The mass transfer coefficient was calculated from  $q = (cp/RT_c) ln[(p - p_c)/(p - p_i)]$ ,

where  $\alpha=D/\delta$  cm/sec; D= diffusion coefficient,  $\frac{3}{3}$ cm<sup>2</sup>/sec;  $\delta=$  thickness of the diffusion layer. The second series showed  $\alpha$  to be a linear function of  $T_C$ . The results of the first series indicate that  $\alpha$  probably depends

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\$/020/62/147/004/025/027 Variation in the mass transfer ... exponentially on  $\Delta p$ . Hence  $\log \alpha = 1.1537 - 0.331 \cdot 10^3 / T_c$ , wherefrom 8

is obtained as p-0.08. There are 2 figures and f table. The English-language reference is: R.S. Cvetanvic, D.I. Le Roy, J.Chem.Phys., 20,

ASSOCIATION: Institut metallurgii Ural'skogo filiala Akademii nauk SSSR (Institute of Metallurgy of the Ural Branch of the Academy

of Sciences USSR)

July 16, 1962, by S.I. Vol'fkovich, Academician PRESENTED:

SUBMITTED: 1 July 12, 1962

Card 2/2 :

FRISHBERG, I.V.; MIKULINSKIY, A.S.

Study of the kinetics of magnesium vapor condensation and the design of a condenser with variable temperature. Zhur. prikl.

khim. 36 no.5:949-953 My '63. (MIRA 16:8)

(Magnesium) (Condensers (Vapor and gases))

# "APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730004-8

FRISHMAN, M.A., kandidat tekhnicheskikh nærk

Taking motion pictures in experimental studies of the interaction of track and rolling stock. Tekh.shel.dor.6 no.9:25-26 S'47.

(Railroads--Rails) (MIRA 8:12)

FRISHMAN, M.A., professor, doktor tekhnicheskikh nank; KARAMYSHEV, I.A., redaktor, VERINA, G.P., tekhnicheskiy redaktor.

[Investigating the interaction of track and rolling stock by means of motion pictures] Issledovaniia vzaimodeistviia puti i podvishnogo sostava metodom kinos memki. Moskva, Goz. transport. zheleznodorosh. izd-vo, 1953. 114 p. [Microfilm] (MLRA 7:11) (Railroads--Track)

TRISHMAN, M.A., professor, redaktor; SCROKIN, N.N., inzhener, redaktor; STIKHNO, T.V., tekhnicheskiy redaktor

Experience in introducing new equipment and progressive work methods in track maintenance; practices of track workers on the Stalin, Southwestern, Southern and Odessa Railroads] Opyt wnedrenia novoi tekhniki peredovykh metodov truda v putevom khosiaistve; opyt rabcty puteitsev Stalinskoi, IUgo-Zapadnoi, IUzhnoi i Odesskoi sheleznykh dorog. Moskva, Oos.transp.shel-dor. izd-vo, 1956. 74 p.

(MLRA 10:1)

(Railroads--Track)

BROMBERG, Ye.M., kandidat tekhnicheskikh nauk; VERIGO, M.F., professor; DANILOV, V.N., professor; FRISHMAN, M.A., professor; SOROKIN, N.N., inzhenor, redaktor; KHITROV, P.A., tekhnicheskiy redaktor

[Interrelation of track and railroad rolling stock] Vzaimodeistvie puti i podvizhnogo sostava. Pod obshchei red. M.A.Frishmana. Moskva. Gos.transp.zhel-dor. izd-vo, 1956. 279 p. (MIRA 9:11) (Railroads--Track)

### "APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513730004-8

FRISHMAN M.A. doktor tekhnicheskikh nauk; RABINOVICH, G.D., kandidat tekhnicheskikh nauk.

Reinforced concrete ties for automatic block system rail circuits.
Avtom., telem. i sviaz' no.4:25-28 Ap '57.

(MIRA 10:5)

(Railroads--Signaling--Block system)

# "APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730004-8

FRISHMAN, M.A., professor; RABINOVICH, G.D., kandidat tekhnicheskikh nauk.

Electric insulation for reinforced concrete ties. Put' i put.khoz. no.8:19 Ag '57. (MLRA 10:9)

(Railroads--Ties)

FRISHMAN, M.A., prof., doktor tekhn, nauk; VOLOSHKO, Yu.D., dots., kand.

tekhn, nauk (Dnepropetrovsk).

Reinforced concrete ties used on sections having automatic block systems, Put' i put. khoz. no.2r21-22 F '58. (MIRA 11:3)

(Railroads--Ties, Concrete)

### "APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513730004-8

FRISHMAN, M.A., prof., doktor tekhn.nauk; KOLESNIKOV, P.I., dots.,kand.

tekhn.nauk

Investigating interaction of car wheels and frame rails during sliding movement through switches. Trudy DIIT no.27:5-30
(MRA 12:1)

(Car wheels) (Railroads---Rails)

# "APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730004-8

FRISHMAN, M.A., prof., doktor tekhn.nauk (Dnepropetrovsk); ISAKOV, I.F., kand.tekhn.nauk (Dnepropetrovsk); VOLOSHKO, Yu.D., kand.tekhn.nauk (Dnepropetrovsk)

Characteristics of designing track on reinforced concrete ties.
Zhel.dor.transp. 40 no.10:55-57 0 '58. (MIRA 11:12)

(Railroads--Track) (Railroads--Ties, Concrete)

FRISHMAN M. A

AL'BREKHT, Vladinir Georgiyevich, prof.; LIDERS, Georgiy Vladimirovich, dotsent; NIKIFOROV, Pavel Aleksandrovich, prof. [deceased]; CHLENOV, Mikhail Timofeyevich, kand.tekhn.nauk; CHERNYSHEV, Mikhail Andreyevich, kand.tekhn.nauk; FRISHMAN, M.A., prof., retsenzent; ANDREYCH3NKO, A.V., inzh., retsenzent; BABKIN, A.R., inzh., retsenzent; BEZRUCHKO, V.S., inzh., retsenzent; ZHEREBIN, M.I., inzh., retsenzent; MEL'NIK, D.M., inzh., retsenzent; MURAV'YEV, I.V., inzh., retsenzent; NOVITSKIY, G.I., inzh., retsenzent; PASHININ, S.A., inzh., retsenzent; POTOTSKIY, G.I., inzh., retsenzent, red.; RAK, S.M., inzh., retsenzent; TYJTYUNNIK, F.R., inzh., retsenzent; ULYUYEV, D.I., inzh., retsenzent; SHEPE-LEV, V.N., inzh., retsenzent; BOBROVA, Ye.N., tekhn.red.

[Track work] Putevoe khoziaistvo. Pod red. M.A.Chernysheva. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 435 p. (MIRA 12:12)

1. Kafedra "Put' i putevoye khozyaystvo" Dnepropetrovskogo instituta inzhenerov zheleznodorozhnogo transporta (for Frishman).

(Railroads--Track)

YELSAKOV, N.N., inzh.; FRISHMAN, M.A., Prof.; ALEKSEYEV, Ya.K.

Transitional platings or rails? Put' i put, khoz. no.6:25 Je '59.
(MIRA 12:10)

1.Nachal'nik strelochnogo zavoda, Dnepropetrovsk (for Alekseyev).
(Railroads--Rails--Fastenings)

#### "APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513730004-8

FRISHMAN, M.A., prof., doktor tekhn. nauk; RABINOVICH, G.D., kand. tekhn. nauk

Experimental fastenings for reinforced concrete ties for use on a track circuit territory. Zhel. dor. transp. 41 no.10:54-55 0 159. (MIRA 13:2)

(Railroads -- Ties, Concrete)

LAZARYAN, V.A., prof.; FRISHMAN, M.A.; L'VOV, A.A., kand.tekhn.nauk; LIPOVSKIY, R.S., IHEN.; BERMAN, Z.G., inzh.; LEVANKOV, I.S., inzh.

Wheel and rail interaction forces caused by short-distance unevenness of the track. Vest.TSNII MPS 19 no.6:9-12 '60. (MIRA 13:9)

1. Dnepropetrovskiy institut inshenerov sheleznodorozhnogo transporta.

(Railroads-Rails) (Car wheels)